

Signature Series Hardware Overview





Signature Heat Detectors



- **SIGA-HRS 15°F Minimum Rate-of-Rise & 135 °F Fixed Temperature, 70 Foot Spacing**
- **SIGA-HFS 135 °F Fixed Temperature**
- **Integral Microprocessor /w non-volatile memory**
- **Electronic Addressing**
- **Identification of defective detectors**
- **Twin Red/Green Status LEDs**
- **Designed & Manufactured to ISO9001 Standards**



SIGA-IS Ionization Detector



- **Wide 0.61% to 1.91% ft Sensitivity Range**
- **Air Velocity Range: 0 to 75 ft/min /w 1 hr long gusts of 300 ft/min**
- **Altitude: 6000 ft maximum**
- **Operating Temperature: 32°F to 120°F**
- **Humidity: 0 to 93% RH, Non Condensing**
- **Pre-Alarm Sensitivity Setting**
- **Dirty or Defective Identification**
- **Day/Night Sensitivity Adjustment**
- **Integral Microprocessor /w non-volatile memory**
- **Electronic Addressing**
- **Twin Red/Green Status LEDs**
- **Designed & Manufactured to ISO9001**



SIGA-PS Photo Detector



- **Wide 0.67% to 3.77% ft Sensitivity Range**
- **Air Velocity Range: 0 to 5000 ft/min**
- **Operating Temperature: 32°F to 120°F**
- **Humidity: 0 to 93% RH, Non Condensing**
- **Pre-Alarm Sensitivity Setting @ 75%**
- **Dirty or Defective Identification**
- **Day/Night Sensitivity Adjustment**
- **Integral Microprocessor /w non-volatile memory**
- **Electronic Addressing**
- **Twin Red/Green Status LEDs**
- **Designed & Manufactured to ISO9001**



SIGA-PHS Photo Heat Detector



- **Wide 0.67% to 3.77% ft Sensitivity Range**
- **SIGA-HFS 135 °F Fixed Temperature**
- **Air Velocity Range: 0 to 5000 ft/min**
- **Operating Temperature: 32°F to 120°F**
- **Humidity: 0 to 93% RH, Non Condensing**
- **Pre-Alarm Sensitivity Setting @ 75%**
- **Dirty or Defective Identification**
- **Day/Night Sensitivity Adjustment**
- **Integral Microprocessor /w non-volatile memory**
- **Electronic Addressing**
- **Twin Red/Green Status LEDs**
- **Designed & Manufactured to ISO9001**

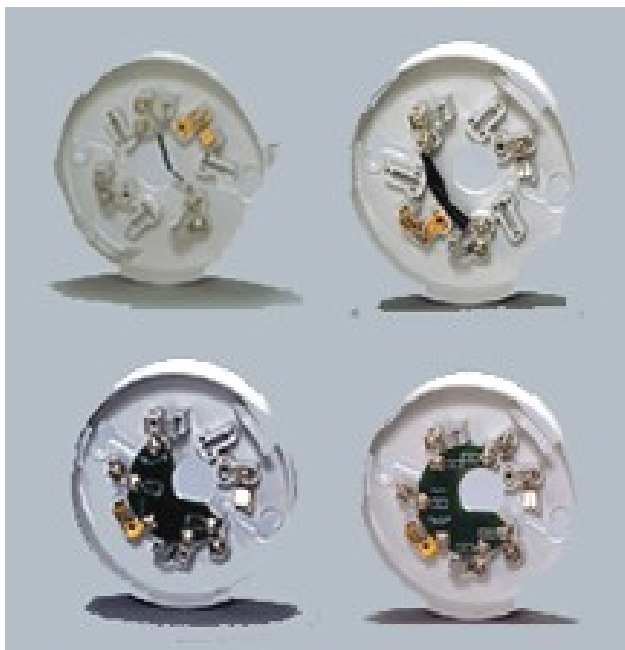


SIGA-IPHS Ion Photo Heat Detector



- **Wide 0.67% to 3.77% ft Sensitivity Range**
- **SIGA-HFS 135 °F Fixed Temp**
- **Air Velocity Range: 0 to 500 ft/min**
- **Operating Temperature: 32°F to 120°F**
- **Humidity: 0 to 93% RH, Non Condensing**
- **Altitude: 6000 ft**
- **Pre-Alarm Sensitivity Setting @ 75%**
- **Dirty or Defective Identification**
- **Day/Night Sensitivity Adjustment**
- **Integral Microprocessor /w non-volatile memory**
- **Electronic Addressing**
- **Twin Red/Green Status LEDs**
- **Designed & Manufactured to ISO9001**

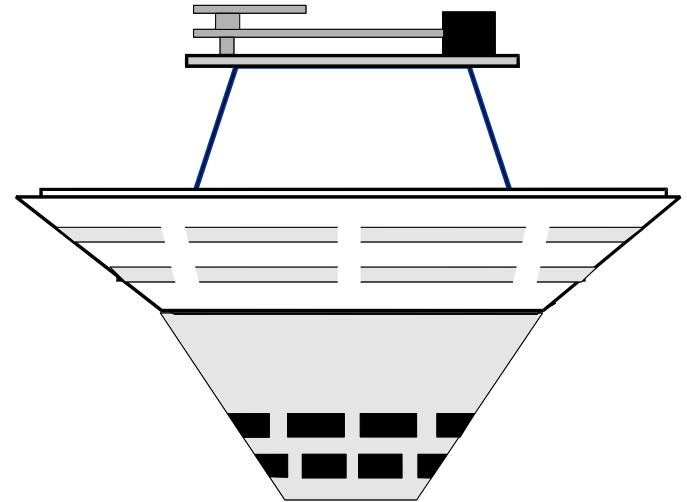
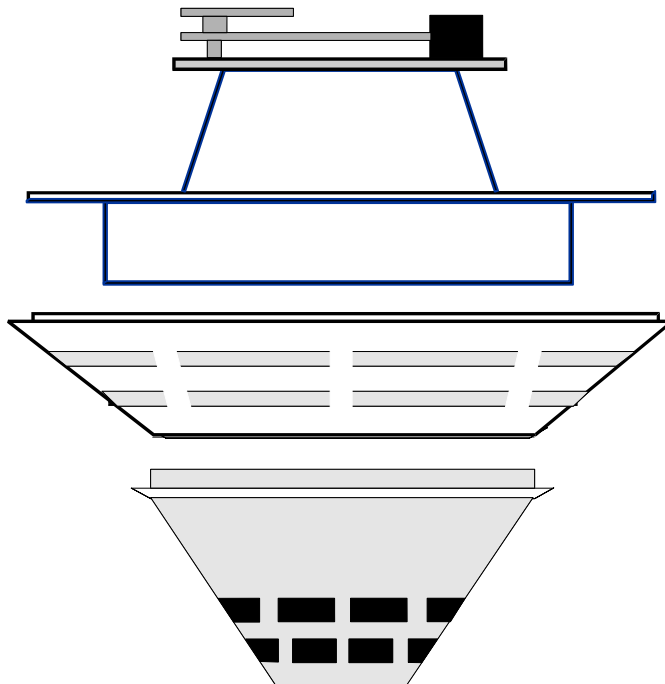
Signature Bases



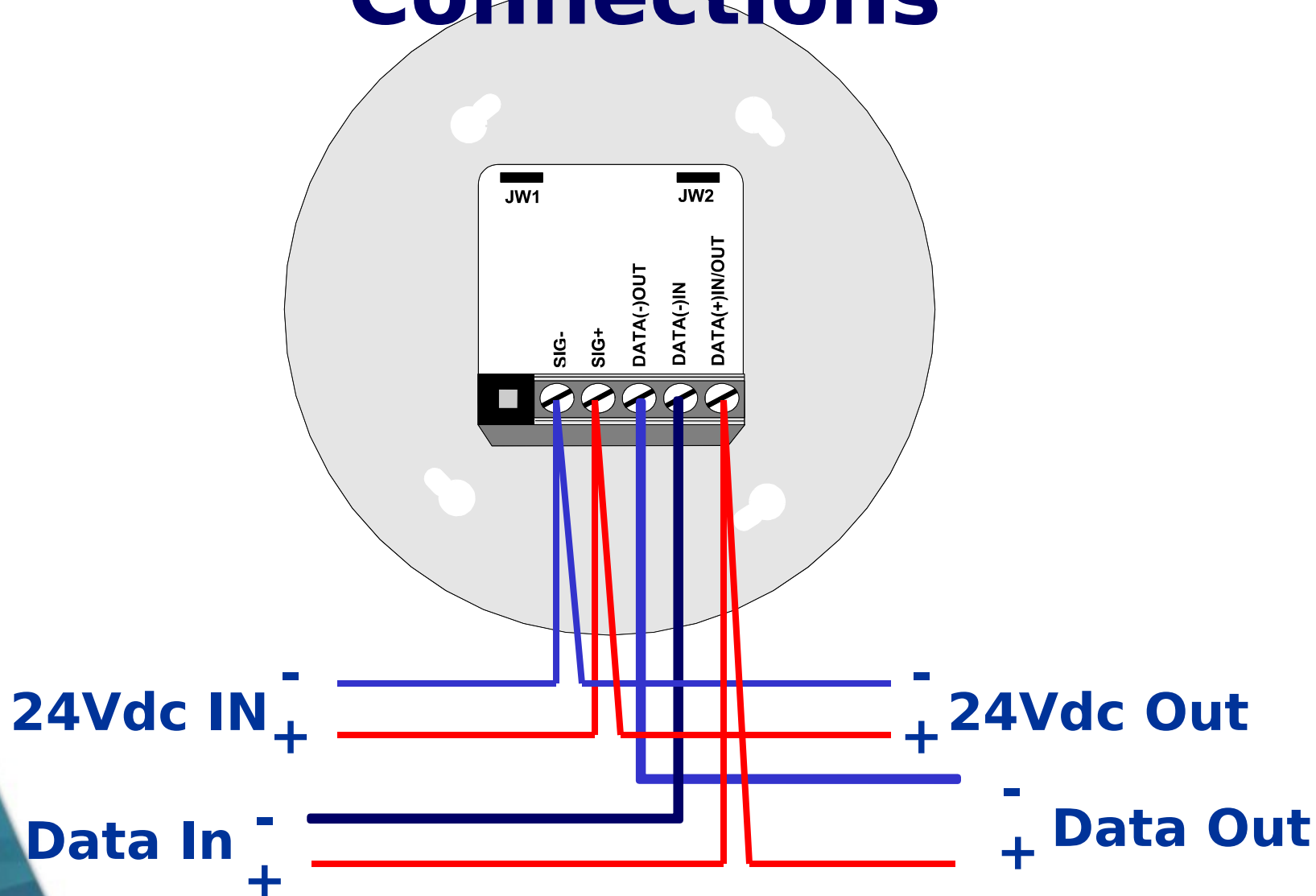
- **Common Features**
 - single gang, octagon or 4 inch square box mounting
 - #18 to #12 AWG
 - gold plated detector contacts
 - Trim Skirt
- **SIGA-SB or SB4 Standard Base**
 - supports Remote LED
- **SIGA-IB or IB4 Isolator Base**
 - Supports Style 7 Wiring
 - Does not take an address
 - no count limit
- **SIGA-RB or RB4 Relay Base**
 - programmable (V3.0 Qtr 1/01)
 - 1A @ 30Vdc

Sounder Base - SIGA-AB4

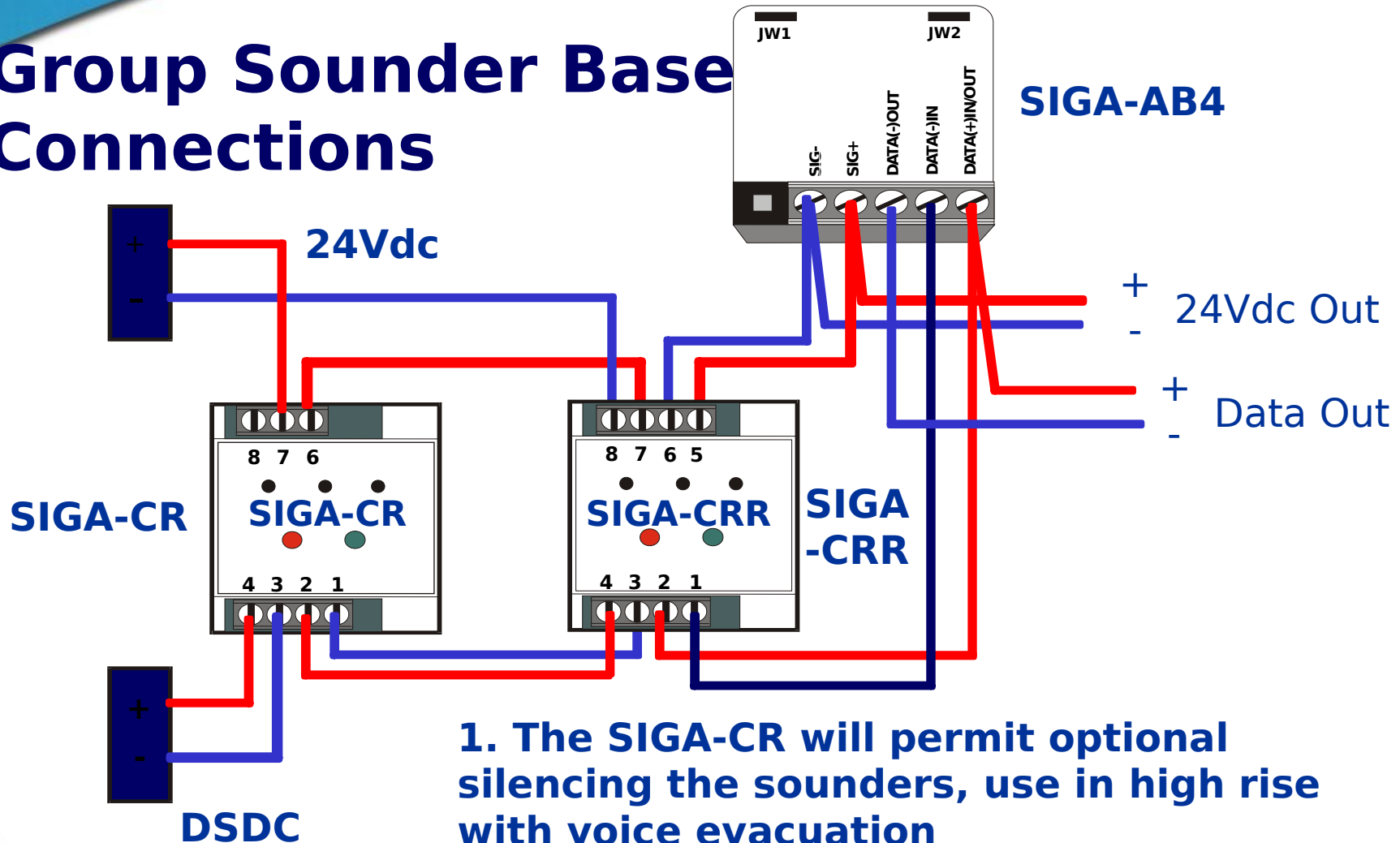
1. High or Low dB Output
2. Temporal or Steady Output
3. Automatic Self-Synchronization
4. Can operate Standalone or Group Soundings



Sounder Base - Connections



Group Sounder Base Connections

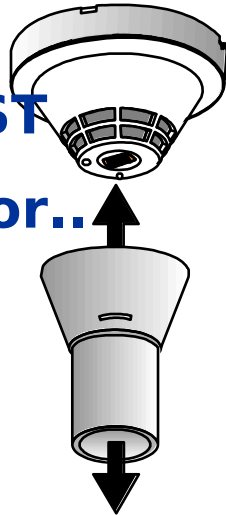


1. The SIGA-CR will permit optional silencing the sounders, use in high rise with voice evacuation
2. The SIGA-CRR (Reverse Polarity) will permit all the sounder bases on a single 24VDC riser to sound if when any one sounder base is in alarm

Vacuum Cleaning

Common Features: Ease of Cleaning

✓ Attach the EST Vacuum tool to the Detector..



✓ Then attach a standard vacuum cleaner hose...



Turn on the vacuum and the vortex action removes loose dust particles quickly and easily. No need to disassemble the device.

SIGA-PRO



- Can program devices
- Set or change 'last maintenance date'
- Set device parameters
- Retrieve device history logs, restore environment compensation registers
- Reads diagnostic codes

Thank You!

